

# Mining, Smelters and Stock Quotations

## NO CUSTOM BUSINESS AT THE SMELTERS

Output of Copper Queen Last Month Was About 8,000,000 Pounds for the Month. Work of Enginering C. & A.

DOUGLAS, Aug. 10.—(Special.)—Conditions at the local smelters remain practically as they have been for several months past, both as running and reducing the ore from their own mines at Bisbee, but neither is getting enough custom business to mention.

The output of the Copper Queen smelter was about eight million pounds for the month of July, as against eight and a half millions for the same month in 1907. These figures apply only to the Copper Queen ore, for a year ago the company had built up a large custom business, while at present little or nothing is left of that business. Superintendent Lee says that the output from the company ore for 1908 will be little, if any, less than in 1907. In 1907, though much less ore will have been reduced owing to the fact that when copper was high a lower grade of ore was being reduced, not a little coming from the Bisbee slag heap which with copper at the then prevailing prices produced a good profit.

As to the number of employees and their nationality, Mr. Lee states that today a larger proportion of their employees are Americans than was the case a year ago. Whenever a furnace was shut down, he says, the proportion would be the same and more Mexicans than Americans would be let out. The labor saving device, he states, are designed to do away with unskilled labor and this often requires the employment of new skilled mechanics to run them while the several Mexicans formerly employed are not needed. The reduction in skilled labor came mostly in the sampling and assay departments, which ran full when custom ore was coming in and are now running at the lightest. With a higher price for the metal, say over 15 cents, undoubtedly the smaller producers and more remote mines will again enter the production game and the customs department of the Copper Queen will once more cut a considerable figure and require a full force in sampling and assay departments.

The force at the mine quarry, too, has been reduced as much less lime is now needed for consumption because of the character of ore which is at present being reduced. At present about 150 tons are being used as against 500 at the same time last year. With the resumption of custom business will also come an increased demand for lime. There are seven furnaces now in operation and the force employed is not far from three-fourths of what it was when the smelter was running to its limit.

At the C. & A.

Here the work of enlargement and improvement goes on and will continue steadily. A force is engaged on the putting in of a sixth furnace and this work is being pushed. Here, too, there has been an almost complete loss of custom business, but the C. & A. never had so much of this as had its neighbor. The construction work has kept as large a force as it had a larger force at work than ever before in the history of this smelter. The many improvements still planned by the C. & A. indicate that the same or a larger force may be expected to be employed for many months to come. With the completion of the improvements now planned the C. & A. will have a maximum capacity of about 3000 tons daily.

WALKER BROS.

(Special Wire to L. J. Overlock.)  
NEW YORK, Aug. 10.—The market today was very strong and active and traders began to bid prices up. Reading was the strong feature and the whole market responded. The tone was good and in the afternoon prices went up with a rush. There was heavy buying in the whole list and little stock for sale. Prices continued strong until the close.

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## OPERATIONS AT THE OLD DOMINION

Late reports from the Old Dominion state that satisfactory progress is being made in every department. During the past week the production has been heavy, the total showing a good increase. Four furnaces were supplied and the capacity of the bins at the mine and smelter taxed to care for the ore reduced. A large amount of development was under way and some new work has been started; a shaft below the 14th level is ready for two sets of timbers, which will be put in today. Sinking will then proceed more rapidly.

The bottom of the "B" shaft below the 12th level is being cleaned out preparatory to sinking. The contractors for sinking the two-compartment shaft on the west side of the creek, have made a good start. The contract calls for a depth of 300 feet, but sinking will not stop at that level.

No work is being done in "C" shaft, but the west drift on the 12th level is being driven toward the region of "C" shaft for the purpose of draining the tenth level and intermediate ground. When this shaft has been completed the sinking of "C" shaft below the 10th level will be started.

The flow of water from the west end of the mine on the 10th level is controlled by cement doors placed in the crosscut in Block 4. These doors are fitted with valves which can be readily connected with pipes and the flow of water regulated. There has been no decrease of water flowing into the mine, most of which comes from the Pinal creek side. The pumps are raising 4,500,000 gallons.

The region of the big west ore body on the 10th level is now comparatively dry, and good headway is being made toward the reopening of the old stopes. The east end of this stopes has been restored and the drift is now within 12 feet of the square sets at the west end.

## NEWS FROM GIRONX IN ELY DISTRICT

The Ore Carries Much Native Copper, Shaft Being Sunk Deeper.

ELY, Nev., Aug. 10.—Excellent news came down from the Gironx yesterday, when it was learned that the Alpha shaft had entered a high grade ore body at 1150 feet. The ore carries much native copper and being of the same character as that entered in the mine a few weeks ago, is considered to be of the same body.

The previous strike was made in the 1000 level. Work since done in this through the mine has demonstrated that it has considerable extent and that its value maintains a high average. Its presence in the shaft therefore did not come altogether as a surprise, but it was nevertheless an exceedingly gratifying discovery.

The shaft is sinking to the 1200 level, where it is expected that a considerable flow of water will be tapped. In anticipation of which pumping capacity has been increased to meet such demand as is likely to develop. The shaft was not expected to find ore on its way down, though it was believed that drifting from the 1200 level would open ore. The fact of the discovery of what is believed to be the lower level which the shaft has now reached is taken to indicate that the mineralization is even more extensive than at any time hoped for. Definite opinion in this regard cannot be formed previous to further development, but short of this there is everything in the discovery of yesterday to warrant enthusiasm and to give encouragement to the belief that Ely district ore make as deep as those of any camp in the country beside having a world of ore right on the surface. If there are limitations to the mineral riches of the district, the fact is yet to be demonstrated.

Review Want Ads bring results.

## CHARACTER OF ORE SHOWING BETTER

At Shaft Depth of Thirty Feet in Sauvage-Guthrie Mine.

A decided change in the character of the ore in the Sauvage-Guthrie claim at thirty feet from the surface, which is the present depth of the shaft, is indicated by samples. The quartz taken from the cropping and near the surface contained no copper and was filled with free gold, some of the rock assaying as high as \$8,000 to the ton. The ore now coming from the bottom of the shaft is a dark bluish carbonate veined with malachite and carrying silver and probably other values. It is a beautiful ore and will, it is thought, assay 25 per cent copper. The shaft has been in ore all the way down and as the ledge dips to the north at an angle of about 60 degrees, it would indicate a vein of considerable width.

The shaft is being well timbered with the view of sinking a considerable depth. Hoisting is being done with a whim which will answer very well until the shaft reaches a depth of 100 or more feet, when a hoist will be installed.

John A. Guthrie, who purchased an interest in the property from Mrs. Kate Sauvage, is so impressed with the value of the discovery, as revealed by the recent development, that he has determined to thoroughly explore the vein and equip the mine with machinery as fast as possible. Mr. Guthrie left last week for Paris, Texas, to interest some of his well-to-do friends in the proposition and expects to organize a strong company to develop the Sauvage group of claims.

The property is situated a little more than four miles northwest of Globe and will be quite near to the railroad when the extension of the G. V. & N. is built to the Miami mine.

PAINE, WEBBER & CO.

(Special Wire to L. J. Overlock.)  
BOSTON, Aug. 10.—Traders sold stocks this morning thinking to get down back cheaper, but after a small reaction the market got very dull and afterwards the close had a smart rally to top prices, closing very strong. The buying looks good. Adventure took another upturn today. Butte Convention has been very quiet lately, but good people are picking up the stock. We advise profit taking on all rallies.

## RICH DISCOVERY OF GOLD SULPHIDE

Four Claims in the Globe District That Are Now Making Good.

LOBE, Aug. 10.—Since the discovery, about two months ago of rich gold sulphide on the contract claim of the group owned by Henry, Hedspecht, Wimberly and Thomas, a vertical shaft has been sunk fifty-three feet, penetrating twenty-three feet of ore that assays \$22 in gold, 25 per cent sulphur and 24 per cent iron to the ton. The shaft is bottomed in the vein and the four walls are also ore, which shows no sign of pinching. The vein near the surface is six feet wide and is probably wider at the bottom of the shaft, as rock from what was supposed to be the hanging wall was tested and found to carry \$7.50 in gold. The property is conveniently situated, in the foothills of the Pinal mountains, 6 1/2 miles south of town, reached over a fairly good wagon road, so that the cost of delivering ore to the railroad, or to the O. D. smelter, would not be great.

The proportion is such an attractive one that the owners have decided to push development and to commence an early date to ship ore. They will put on two shifts and sink the shaft to 100 feet, at which depth a crosscut will be run and the vein opened by drifts. A gasoline hoist will be installed.

If the vein continues strong at that depth and carries the values now found to be in the ore, the owners will have in the Contract one of the most valuable gold propositions in eastern Arizona.

## SMELTER TEST IS SATISFACTORY

Manager Steubing Is Pleased With Work of Oil Fuel Furnace.

TUCSON, Aug. 10.—W. C. Steubing, manager at the camp of the Helvetic Copper company, was in the city yesterday accompanied by Mrs. Steubing. Mr. Steubing's business in gold city was largely in connection with completing terms with the Consolidated Telephone, Telegraph and Electric company regarding the union of arrangements as to service, which is fully detailed in an article in this issue.

Referring to things at the camp, Mr. Steubing hurriedly mentioned a few points just as the train was leaving for Vail station, where he took a team for the drive camp. He said, the trouble to the oil fuel furnace was due to a defective casting. He had wired for a duplicate and this would arrive next Tuesday from the shops where the new style furnace is made. Mr. Steubing said the new furnace had so far given satisfaction, but further tests would be made. It only has capacity for treating 50 tons per day. In case all goes well a battery of several furnaces would be seriously considered.

There are from 50,000 to 100,000 tons of ore ready for delivery to the smelting plant. The outlook beyond ground in the Copper World and other mines, Mr. Steubing said, was very satisfactory.

There are about 150 men working for the Helvetic Copper company, with whose camp there is daily communication by mail and stage from Tucson.

HUTTON & CO.

(Special Wire to L. J. Overlock.)  
NEW YORK, Aug. 10.—Bullish operations prevailed today throughout the session and it is evident the money powers are willing to see a higher range of prices on the favorable outlook. We advise conservatism now in any operations on the long side. They may work higher, but we believe profit taking on bulges the right thing.

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## COPPER MARKET DISAPPOINTING AT THE CLOSE

Shattuck Continues to Be in Excellent Demand at \$15—Butte-Arizona Appears to Have Lost Its Activity.

(By Frank J. Graf.)  
Today's copper market was somewhat disappointing at the close, for it was expected that better prices would have prevailed. The opening of the market was exceptionally strong, and would lead one to believe that higher prices would have been recorded. Amalgamated reached \$3, but toward the close lost a fraction. The New York market opened about one point over the close of Saturday, with a heavy demand for stocks, especially Smelters, Reading and Sugar, and the two Pacifics, and toward the close there was a slight profit taking in the majority of these securities.

The curb market naturally weakened in sympathy with the New York list. Superior & Pittsburg is firm at 14 3/4, with very little stock being offered. Greene Cananea is being well supported at times, but too much stock was offered today, causing the stock to close at 12 1/4 asked. Denn Arizona falls to show any strength, although the market is bare of stock at or near these figures, a few sales being made at 3 1/2. Shattuck Arizona continues to be in excellent demand at 15, with trades at that figure. Black Mountain, Warren, and Keweenaw are firm. Butte & Arizona seems to have lost its activity, and there are no bids in the market, but Butte has considerable to sell, with no takers. The entire market, after today's reaction, ought to be good for the balance of the week.

Amalgamated	3.62
Andes	49.75
Alameda	39.00
Alton	14.50
Atlantic	4.62
American	22.75
Arizona Commercial	2.50
Wingham	14.00
Boston Consolidated	28.00
Butte Coalition	127.00
Calumet & Arizona	690.00
Calumet & Hecla	31.00
Copper Range	3.50
Cumberland Ely	10.50
Denn Arizona	2.50
Daly West	2.50
Davis Daly	2.75
East Butte	105.00
Granby	4.50
Globe Consolidated	.21
Greene Gold Silver	12.25
Greene Cananea	5.90
Helvetic	2.00
Isle Royal	23.00
Keweenaw	7.87
Moanaw	69.00
Nevada Consolidated	16.62
Newhouse	6.87
Nipissing	7.75
North Butte	84.50
Old Dominion	41.25
Osceola	114.00
Parrott	28.75
Quincy	14.57
Shannon	16.12
Shattuck	15.00
Superior Pittsburg	14.75
Tamarack	75.00
Trinity	24.12
Utah Consolidated	49.00
U. S. Mining	44.00
Victoria	6.90
Wolverine	142.00
Wolverine & Arizona	2.00
Warren	5.00
Black Mountain	4.00
Santa Fe	2.12
Adventure	9.00
Nevada Utah	4.00
Rhode Island	4.57
Blair & Arizona	36.00
Butte & London	.60
National	.60
Superior Boston	7.75
Raven	1.12
Arendian	4.37
Michigan	13.12
Massachusetts	7.50
Franklin	13.50
Comanche	.93
Miami	9.50
Copper Gulf	4.00
Missouri Pacific	58.75
Rock Island	18.87
Southern Pacific	97.00
St. Paul	145.75
Pennsylvania	128.50
New York Central	110.12
A. T. S. F.	89.75
L. & N.	111.12
Erie	14.62
Northern Pacific	144.37
Union Pacific	153.25
Southern Railway	20.62
B. R. T.	56.75
Reading	123.75
Great Northern	173.00
Canadian Pacific	35.35
C. P.	139.35
U. S. Steel	48.00
U. S. Steel pfd.	110.25
American Sugar	101.75
American Smelters	43.35
O. & W.	36.62
B. & O.	57.25
Western Union	57.25

J. B. Cook of Tempe will make an exhibition of fruits of the Salt River valley frozen solid in a cake of ice for exhibition at the National Irrigation congress at Albuquerque.

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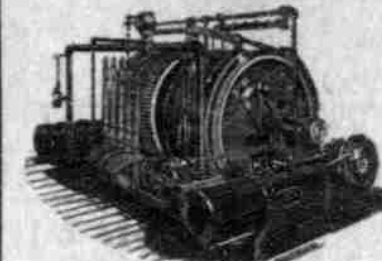
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